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TITLE: POSTAGE STAMP PRINT SYSTEM GIVING NOTICE OF ERROR OF PRINTER SAFELY

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ABSTRACT:

PROBLEM TO BE SOLVED: To improve the security and substitution possibility by providing a communication printer controller which detects the state of a fault, stores the record of the state of the fault in a history file in the memory of a printer, and then informing the memory of a postage meter of it.

SOLUTION: The controller 162 monitors the activity of the printer 160 to detect when a fault occurs to the printer 160. Its record is stored in the memory 164 indicating the fault. Once a fault occurs, the relative record is stored in a file so that a history log of faults is held in the printer 160. After mutual authentication is successful, the history file is uploaded from the printer 160 to a postage meter 120 and stored in a nonvolatile memory NVM 142. Then the postage meter 120 uploads the history file to a data center 50 simultaneously with other predetermined events.

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